

51



# UNITED STATES PATENT AND TRADEMARK OFFICE

UNITED STATES DEPARTMENT OF COMMERCE  
United States Patent and Trademark Office  
Address: COMMISSIONER FOR PATENTS  
P.O. Box 1450  
Alexandria, Virginia 22313-1450  
www.uspto.gov

APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
09/642,471	08/21/2000	Ki S. Kim	NDSJ-001	7993

7590 05/24/2004

Jiyul Yoo  
9437 Van Arsdale Dr  
Vienna, VA 22181

EXAMINER

MCFADDEN, SUSAN IRIS

ART UNIT	PAPER NUMBER.
----------	---------------

2655

DATE MAILED: 05/24/2004

5

Please find below and/or attached an Office communication concerning this application or proceeding.

# Office Action Summary

Application No.

09/642,471

Applicant(s)

KIM ET AL.

Examiner

Susan McFadden

Art Unit

2655

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

## Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If the period for reply specified above is less than thirty (30) days, a reply within the statutory minimum of thirty (30) days will be considered timely.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

## Status

- 1) ☒ Responsive to communication(s) filed on 21 June 2000.
- 2a) ☐ This action is **FINAL**. 2b) ☒ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

## Disposition of Claims

- 4) ☒ Claim(s) 1-18 is/are pending in the application.
- 4a) Of the above claim(s) \_\_\_\_\_ is/are withdrawn from consideration.
- 5) ☐ Claim(s) \_\_\_\_\_ is/are allowed.
- 6) ☒ Claim(s) 1-18 is/are rejected.
- 7) ☐ Claim(s) \_\_\_\_\_ is/are objected to.
- 8) ☐ Claim(s) \_\_\_\_\_ are subject to restriction and/or election requirement.

## Application Papers

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☒ The drawing(s) filed on 21 June 2000 is/are: a) ☒ accepted or b) ☐ objected to by the Examiner.  
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).  
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

## Priority under 35 U.S.C. § 119

- 12) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☐ All b) ☐ Some \* c) ☐ None of:
1. ☐ Certified copies of the priority documents have been received.
2. ☐ Certified copies of the priority documents have been received in Application No. \_\_\_\_\_.
3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).
- \* See the attached detailed Office action for a list of the certified copies not received.

## Attachment(s)

- 1) ☒ Notice of References Cited (PTO-892)
- 2) ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)
- 3) ☒ Information Disclosure Statement(s) (PTO-1449 or PTO/SB/08)  
Paper No(s)/Mail Date 3.
- 4) ☐ Interview Summary (PTO-413)  
Paper No(s)/Mail Date. \_\_\_\_\_.
- 5) ☐ Notice of Informal Patent Application (PTO-152)
- 6) ☐ Other: \_\_\_\_\_.

**DETAILED ACTION**

***Claim Rejections - 35 USC § 102***

1. The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that form the basis for the rejections under this section made in this Office action:

A person shall be entitled to a patent unless –

(b) the invention was patented or described in a printed publication in this or a foreign country or in public use or on sale in this country, more than one year prior to the date of application for patent in the United States.

2. Claims 1,6,9,10,13,14,15, and 18 are rejected under 35 U.S.C. 102(b) as being anticipated by Abir (6,738,827).

In regard to claims 1 and 13, Abir shows a system and method for registering a domain name comprising: receiving a request for registration of a native language domain including at least one non-alphanumeric character, converting at least one non-alphanumeric character to a corresponding alphanumeric character to produce an alphanumeric domain name and registering the alphanumeric domain name with an authorized alphanumeric domain name registrar (Abstract, Figs. 1-6).

In regard to claim 9, Abir shows a system and method for establishing a communication link between a user computer and a destination website over a world wide network comprising: receiving a universal resource locator of a destination website (col. 2, ln 60-65), having a native language domain name that comprises at least one non-alphanumeric character, converting at least one non-alphanumeric character to a corresponding alphanumeric character to produce an alphanumeric domain name (col. 4-5), performing a domain name server inquiry using the alphanumeric domain name to obtain an IP address of the destination website, and establishing a communication link

Art Unit: 2655

between the user computer and destination website using the IP address (col. 2, ln 5-10).

In regard to claims 6,10, and 15, Abir shows that a native language domain name registrar is configured to convert each non-alphanumeric character to a corresponding alphanumeric character using a UNICODE standard (col. 2, ln 15-22)).

In regard to claims 14 and 18, Abir shows that a domain name server having a database has a plurality of entries defining unique relationships between the domain name (which includes one language code character) and the IP or URL addresses (mapping, col. 4-5).

### ***Claim Rejections - 35 USC § 103***

3. The following is a quotation of 35 U.S.C. 103(a) which forms the basis for all obviousness rejections set forth in this Office action:

(a) A patent may not be obtained though the invention is not identically disclosed or described as set forth in section 102 of this title, if the differences between the subject matter sought to be patented and the prior art are such that the subject matter as a whole would have been obvious at the time the invention was made to a person having ordinary skill in the art to which said subject matter pertains. Patentability shall not be negated by the manner in which the invention was made.

4. Claims 1,9, and 13 are rejected under 35 U.S.C. 103(a) as being unpatentable over Andersen et al. (5,974,453) in view of Atkin et al. (5,900,871).

In regard to claims 1 and 13, Andersen et al. show a system and method for registering a domain name comprising: converting at least one non-alphanumeric character to a corresponding alphanumeric character to produce an alphanumeric domain name and registering the alphanumeric domain name with an authorized alphanumeric domain name registrar (Abstract, Figs. 1, 3-5, Internet Domain Name System, col. 3, ln 1-67). Andersen et al. do not specifically show that they receive a

Art Unit: 2655

request for registration of a native language domain including at least one non-alphanumeric character. Atkin et al. show a system and method for managing multiple cultural profiles which includes receiving requests in a native language and translating this (col. 2). Therefore, it would be obvious to one of ordinary skill in art at the time of the invention to combine these references because they provide a system that can be used for various different languages (col. 1, ln 45-50).

In regard to claim 9, Andersen et al. show a system and method for establishing a communication link between a user computer and a destination website over a world wide network comprising: receiving a universal converting at least one non-alphanumeric character to a corresponding alphanumeric resource locator of a destination website (col. 2, ln 60-65), having a native language domain name that comprises at least one non-alphanumeric character, converting at least one non-alphanumeric character to a corresponding alphanumeric character to produce an alphanumeric domain name (col. 4-5), performing a domain name server inquiry using the alphanumeric domain name to obtain an IP address of the destination website, and establishing a communication link between the user computer and destination website using the IP address (col. 2, ln 5-10). Andersen does not specifically show that a native language is translated. Atkin et al. show a system and method for managing multiple cultural profiles which includes receiving requests in a native language and translating this (col. 2). Therefore, it would be obvious to one of ordinary skill in art at the time of the invention to combine these references because they provide a system that can be used for various different languages.

5. Claims 2-5,7,8,11,12, and 16-17 are rejected under 35 U.S.C. 103(a) as being unpatentable over Abir in view of Mann et al. (6,298,341).


In regard to claims 2-5, Abir shows a system and method for registering a domain name discussed above. Abir do not specifically show: that reserving the native language domain name for exclusive use by a registrant, determining whether the alphanumeric domain name was already registered by another entity, and adding an entry in a domain name server database which defines the IP address. Mann et al. show a system and method for generating domain names and facilitating registration comprising: reserving the native language domain name for exclusive use by a registrant, determining whether the alphanumeric domain name was already registered by another entity, and adding an entry in a domain name server database which defines the IP address (Abstract, Fig. 4). Therefore, it would be obvious to one of ordinary skill in art at the time of the invention to combine these references because they provide a system is more user-friendly.

In regard to claims 7,8,11,12, and 16-17, Abir and Mann et al. show the system and method discussed above. They do not specifically show that the alphanumeric domain name has a fixed number of character width which is 64. The Examiner takes Official Notice that one of ordinary skill in the art would know that they could design the system to have a fixed character width. Therefore, it would be obvious to one of ordinary skill in art at the time of the invention to combine these references because they provide a system that can be used for customized for the user.

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Susan McFadden whose telephone number is 703-308-6693. The examiner can normally be reached on Monday-Friday, 9:30-6:00.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Doris To can be reached on 703-305-4827. The fax phone number for the organization where this application or proceeding is assigned is 703-872-9306.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).

  
Susan McFadden  
Primary Examiner  
Art Unit 2655

May 19, 2004